In the Claims

1-21.   (Canceled)

22.   (New) An automated method for visually displaying product production information and notifications in real-time comprising:

automatically querying a database for production data for each order scheduled for production that includes a product category of each order, a promised shipping date for each order, a projected shipping date for each order, and an expected sales revenue for each order, by a seller in real-time;

for each order, automatically comparing the promised shipping date and the projected shipping date;

for each order, automatically generating a proactive alert if the projected shipping date is later than the promised shipping date;

for each category, automatically determining a shipment quality metric; and

automatically displaying the proactive alert for each order, the number of orders for each product category, the expected revenue for each order and the shipment quality metric in a tabular format on a user viewable medium.

23.   (New) The method of claim 22 wherein the shipment quality metric is calculated by a formula: $Z_{LT} = \min[\dfrac{USL - \mu}{\sigma}, \dfrac{\mu - LSL}{\sigma}]$.

24.   (New) The method of claim 22 further comprising creating a plurality of display forms, wherein each display form depends on a number of days before the product is available.

25.   (New) The method of claim 22 further comprising:

determining an acceptance range; and

displaying a percentage of times the shipment quality metric is outside the acceptance range.

26.   (New) A computer-readable medium having stored thereon one or more computer programs that, when executed by one or more computers, causes the one or more computers to:

query a database for production data for each order scheduled for production that includes a product category of each order, a promised shipping date for each order, a number of days before the product is available, and a projected revenue for each order, by a seller in real-time;

create a sum of products in production and a sum of products in production for each product category;

create a sum of projected revenue for each product in production;

create a proactive alert if the number of days before the product is available is later than the promised shipping date for each order;

determine a shipment quality metric for each category; and

display the sum of products in production, the sum of products in production for each product category, the sum of projected revenue for each product in production, the proactive alert for each order, and the shipment quality metric in a tabular format on a user viewable medium.

27.   (New) The computer-readable medium of claim 26 wherein the product category depends on the number of days before the product is available.

28.   (New) The computer-readable medium of claim 26 wherein the product categories includes a category for products where the number of days before the product is available is within a user-defined range of values, wherein the computer program further causes the one or more computers to:

display a user-defined message for each order within the category.

29.   (New) The computer-readable medium of claim 28 wherein a first message is displayed if the number of days before the product is available is greater than a user-defined number and a second message is displayed if the number of days before the product is available is less than a user-defined number.

30.   (New) The computer-readable medium of claim 26 wherein the shipment quality metric is processed to provide a statistical measure of process capability.

31.   (New) The computer-readable medium of claim 26 wherein the shipment quality metrics are regularly re-processed.

32.   (New) The computer-readable medium of claim 26 wherein processing the shipment quality metrics is accomplished by a set of instructions that, when executed by one or more computers, causes the one or more computers to further:

      determine a mean of the shipment quality metrics;

      determine a standard deviation of the shipment quality metrics;

      divide the difference of the mean and an upper specification limit;

      display the quotient.

33.   (New) A computer data signal representing a sequence of instructions that, when executed by one or more processors, cause the one or more processors to:

      query and update a database containing product production data;

      periodically obtain from the database a product category of each order, a promised shipping date for each order, a projected shipping date for each order, and a projected revenue for each order;

      calculate a number of days between a current date and the projected shipping date to create a number of days before the product is available;

      calculate a total revenue for each product in production for each product category; and

display in a table, the number of days before the product is available, the total revenue for each product in production for each product category, and a proactive alert for each order if the projected shipping date for each order is later than the promised shipping date.

34.   (New) The computer data signal of claim 33 wherein the one or more processors are further caused to determine a quality metric for each category and display the quality metric in the table.

35.   (New) The computer data signal of claim 34 wherein the quality metric is a statistical value calculated and displayed is a projected defect in parts per million.

36.   (New) The computer data signal of claim 33 wherein the one or more processors is caused to obtain data every time information is requested.

37.   (New) The computer data signal of claim 33 wherein the table that the data is displayed in comprises a plurality of display forms, wherein each display form depends on the number of days before the product is available.